

IN THE CLAIMS

Kindly amend claims 1-3 and 11-14 as follows.

The following is a complete listing of revised claims with a status identifier in parenthesis.

LISTING OF CLAIMS

1. (Currently Amended) An object model architecture for providing network management of a telecommunications network, said architecture comprising:

a base framework interface object;

a base framework container interface object;

a base framework object container interface and a base framework action container interface each being inherited from said base framework container interface object;

a base framework network entity interface inherited from said base framework object container interface; and

a base framework action interface inherited from said base framework action container interface, said base framework interface object, ~~said base framework container interface object~~, ~~said base framework object container interface~~,

wherein ~~said base framework action container interface~~, and said base framework action interface ~~being~~ are implemented by corresponding implementation abstract objects, and said base framework network entity interface ~~being~~ is implemented by a base framework network entity implementation class object.

2. (Currently Amended) The architecture of Claim 1, wherein said base framework network entity interface ~~object~~ and said base framework network entity implementation object each inherit corresponding communication connection class objects.

3. (Currently Amended) The architecture of Claim 1, wherein said base framework action container interface and said base framework action implementation abstract object each inherit corresponding action classes.

4. (Original) The architecture of Claim 1, wherein said network entity interface inherits a base framework attribute container interface.

5. (Original) The architecture of Claim 2 wherein said connection classes are circuit classes.

6. (Original) The architecture of Claim 2, wherein said connection classes are logical port classes.

7. (Original) The architecture of Claim 5 wherein said circuit classes include CircuitGenericEntityIfc, CircuitAxAtmIfc, CircuitAxCeIfc, CircuitAxFrameIfc, CircuitCoreAtmIfc, CircuitCoreCeIfc, CircuitCoreFrameIfc which represent interface objects for different types of sample Circuit objects and CircuitGenericEntityImpl, CircuitAxAtmImpl, CircuitAxCeImpl, CircuitAxFrameImpl, CircuitCoreAtmImpl, CircuitCoreCeImpl, CircuitCoreFrameImpl classes represent implementations of the respective Circuit interface objects.

8. (Original) The architecture of Claim 5 wherein said circuit classes are selected from the group consisting of CircuitGenericEntityIfc,

CircuitAxAtmIfc, CircuitAxCellfc, CircuitAxFrameIfc, CircuitCoreAtmIfc, CircuitCoreCellfc, and CircuitCoreFrameIfc which represent interface objects of different types of Circuit objects.

9. (Original) The architecture of Claim 6 wherein said logical port classes include LPortGenericEntityIfc, LPortGeneralIfc, LPortEthernetIfc, LPortILMIIfc, LPortNodeToNodeIfc, LPortPNNIIfc, LportTrunkIfc which represent interface objects for the different types of sample Logical Port objects and LPortGenericEntityImpl, LPortGeneralImpl, LPortEthernetImpl, LPortILMIImpl, LPortNodeToNodeImpl, LPortPNNIImpl, LPortTrunkImpl classes represent implementations of the respective Logical Port interface objects.

10. (Original) The architecture of Claim 6 wherein said logical port classes are selected from the group consisting of LPortGenericEntityIfc, LPortGeneralIfc, LPortEthernetIfc, LPortILMIIfc, LPortNodeToNodeIfc, LPortPNNIIfc, LportTrunkIfc which represent interfaces objects of different types of Logical Port objects.

11. (Currently Amended) The architecture of ~~Claim 5~~ Claim 3 wherein said action classes include a BFWGetOperationalInfoActionIfc, a BFWGetPeriodicStatisticsActionIfc, a BFWGetStatisticsActionIfc, a BFWStopStatisticsActionIfc, a BFWAddActionIfc, a BFWDeleteActionIfc, a BFWGetActionIfc, a BFWListObjectByParentActionIfc, and a BFWListObjectByTypeActionIfc interface object.

12. (Currently Amended) The architecture of ~~Claim 5~~ Claim 3 wherein said action classes are selected from the group consisting of BFWGetOperationalInfoActionIfc, a BFWGetPeriodicStatisticsActionIfc, a BFWGetStatisticsActionIfc, a BFWStopStatisticsActionIfc, a BFWAddActionIfc,

a BFWDeleteActionIfc, a BFWGetActionIfc, a BFWListObjectByParentActionIfc, and a BFWListObjectByTypeActionIfc interface object.

13. (Currently Amended) The architecture of ~~Claim 6~~ Claim 3 wherein said action classes are selected from the group consisting of BFWGetOperationalInfoActionIfc, a BFWGetPeriodicStatisticsActionIfc, a BFWGetStatisticsActionIfc, a BFWStopStatisticsActionIfc, a BFWAddActionIfc, a BFWDeleteActionIfc, a BFWGetActionIfc, a BFWListObjectByParentActionIfc, and a BFWListObjectByTypeActionIfc interface object.

14. (Currently Amended) A computer readable medium including an object model architecture in software for providing network management of a telecommunications network, said architecture comprising:

- a base framework interface object;
- a base framework container interface object;
- a base framework object container interface and a base framework action container interface each being inherited from said base framework container interface object;

- a base framework network entity interface inherited from said base framework object container interface; and

- a base framework action interface inherited from said base framework action container interface, ~~said base framework interface object~~, ~~said base framework container interface object~~, said base framework object container interface,

- wherein said base framework action container interface, and

- wherein said base framework action interface ~~being~~ are implemented by corresponding implementation abstract objects, and said base framework network entity interface being implemented by a base framework network entity implementation class object;

wherein said base framework network entity interface object and said base framework network entity implementation object each inherit corresponding communication connection class objects and wherein said base framework action interface and said base framework action implementation abstract object each inherit corresponding action classes.

15. (Original) The architecture of Claim 14, wherein said network entity interface inherits a base framework attribute container interface.

16. (Original) The architecture of Claim 14 wherein said connection classes are circuit classes.

17. (Original) The architecture of Claim 14, wherein said connection classes are logical port classes.

18. (Original) The architecture of Claim 16 wherein said circuit classes are selected from the group consisting of CircuitGenericEntityIfc, CircuitAxAtmIfc, CircuitAxCelIfc, CircuitAxFrameIfc, CircuitCoreAtmIfc, CircuitCoreCelIfc, CircuitCoreFrameIfc which represent interface objects for different types of sample Circuit objects and CircuitGenericEntityImpl, CircuitAxAtmImpl, CircuitAxCeImpl, CircuitAxFrameImpl, CircuitCoreAtmImpl, CircuitCoreCeImpl, CircuitCoreFrameImpl classes represent implementations of the respective Circuit interface objects.

19. (Original) The architecture of Claim 16, wherein said logical port classes include LPortGenericEntityIfc, LPortGeneralIfc, LPortEthernetIfc, LPortILMIIfc, LPortNodeToNodeIfc, LPortPNNIIfc, LportTrunkIfc which represent interface objects for the different types of sample Logical Port objects and LPortGenericEntityImpl, LPortGeneralImpl, LPortEthernetImpl, LPortILMIImpl,

LPortNodeToNodeImpl, LPortPNNIImpl, LPortTrunkImpl classes represent implementations of the respective Logical Port interface objects.

20. (Original) The architecture of Claim 14 wherein said action classes are selected from the group consisting of BFWGetOperationalInfoActionIfc, a BFWGetPeriodicStatisticsActionIfc, a BFWGetStatisticsActionIfc, a BFWStopStatisticsActionIfc, a BFWAddActionIfc, a BFWDeleteActionIfc, a BFWGetActionIfc, a BFWListObjectByParentActionIfc, and a BFWListObjectByTypeActionIfc interface object.